

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/000629

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07D333/38 C07D307/68 A01N43/08 A01N43/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 2005/004606 A (BAYER CROPS SCIENCE AG; DUNKEL, RALF; ELBE, HANS-LUDWIG; HARTMANN, BENOIT) 20 January 2005 (2005-01-20) Seite 63, Verbindung I-8-40. claims 1-21	1-11
X	WO 02/08197 A (BAYER AKTIENGESELLSCHAFT; ELBE, HANS-LUDWIG; RIECK, HEIKO; DUNKEL, RAL) 31 January 2002 (2002-01-31) cited in the application the whole document	1-11
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (see specification)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*S\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

31 May 2005

06/06/2005

Name and mailing address of the ISA  
European Patent Office, P.B. 5618 Patentamt 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx 31 651 epo nl  
Fax: (+31-70) 340-3016

Authorized officer

Von Daacke, A

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 2005/000629

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 02, 2 April 2002 (2002-04-02) & JP 2001 302605 A (SUMITOMO CHEM CO LTD), 31 October 2001 (2001-10-31) cited in the application Seite 24 - 27; Strukturen A6 und A8. abstract	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11, 29 November 1996 (1996-11-29) & JP 08 176112 A (MITSUI TOATSU CHEM INC), 9 July 1996 (1996-07-09) cited in the application the whole document	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 453 (C-0764), 28 September 1990 (1990-09-28) & JP 02 178259 A (TOKUYAMA SODA CO LTD), 11 July 1990 (1990-07-11) Seite 454, Beispiel 38. abstract	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 197 (C-0712), 23 April 1990 (1990-04-23) & JP 02 040374 A (SUMITOMO CHEM CO LTD), 9 February 1990 (1990-02-09) Beispiel 5. abstract	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 109 (C-0695), 28 February 1990 (1990-02-28) & JP 01 313402 A (MITSUBISHI KASEI CORP), 18 December 1989 (1989-12-18) Beispiele 9,11,17 und 18. abstract	1-7
A	WO 2004/005242 A (BAYER CROPSCIENCE AG; ELBE, HANS-LUDWIG; RIECK, HEIKO; DUNKEL, RALF; R) 15 January 2004 (2004-01-15) the whole document	1-11
A	WO 03/010149 A (BAYER AKTIENGESELLSCHAFT; ELBE, HANS-LUDWIG; RIECK, HEIKO; DUNKEL, RAL) 6 February 2003 (2003-02-06) the whole document	1-11

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2005/000629

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2005004606	A	20-01-2005	WO 2005004606 A2	20-01-2005
WO 0208197	A	31-01-2002	DE 10122447 A1	18-04-2002
			AU 7848001 A	05-02-2002
			BR 0112676 A	24-06-2003
			CN 1444564 A	24-09-2003
			WO 0208197 A1	31-01-2002
			EP 1305292 A1	02-05-2003
			HU 0301661 A2	28-08-2003
			JP 2004504383 T	12-02-2004
			PL 360081 A1	06-09-2004
			US 2004039043 A1	26-02-2004
			ZA 200300633 A	12-02-2004
JP 2001302605	A	31-10-2001	NONE	
JP 08176112	A	09-07-1996	NONE	
JP 02178259	A	11-07-1990	JP 2512542 B2	03-07-1996
JP 02040374	A	09-02-1990	NONE	
JP 01313402	A	18-12-1989	JP 2582863 B2	19-02-1997
WO 2004005242	A	15-01-2004	DE 10229595 A1	15-01-2004
			AU 2003245975 A1	23-01-2004
			BR 0312407 A	26-04-2005
			CA 2491368 A1	15-01-2004
			WO 2004005242 A1	15-01-2004
			EP 1519913 A1	06-04-2005
WO 03010149	A	06-02-2003	DE 10136065 A1	13-02-2003
			BR 0211482 A	17-08-2004
			CN 1533380 A	29-09-2004
			WO 03010149 A1	06-02-2003
			EP 1414803 A1	06-05-2004
			HU 0401478 A2	29-11-2004
			JP 2005501044 T	13-01-2005
			MX PA04000622 A	20-04-2004
			PL 365036 A1	27-12-2004
			US 2004204470 A1	14-10-2004
			ZA 200400434 A	21-01-2005